



PCT

RAW SEQUENCE LISTING

DATE: 07/08/2004

PATENT APPLICATION: US/10/500,561

TIME: 16:21:56

Input Set : A:\DSP-78.ST25.txt

Output Set: N:\CRF4\07082004\J500561.raw

3 <110> APPLICANT: DAIICHI SUNTORY PHARMA CO., LTD.
 5 <120> TITLE OF INVENTION: Pharmaceutical Composition Containing Ghrelin As Active
 Ingredient
 7 <130> FILE REFERENCE: DSP-78
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/500,561
 C--> 9 <141> CURRENT FILING DATE: 2004-06-30
 9 <150> PRIOR APPLICATION NUMBER: JP 2002-146155
 10 <151> PRIOR FILING DATE: 2002-05-21
 12 <160> NUMBER OF SEQ ID NOS: 21
 14 <170> SOFTWARE: PatentIn version 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 28
 18 <212> TYPE: PRT
 19 <213> ORGANISM: Homo sapiens
 21 <220> FEATURE:
 22 <221> NAME/KEY: PEPTIDE
 23 <222> LOCATION: (1)..(28)
 24 <223> OTHER INFORMATION: Amino acid sequence for human endogenous peptides of growth
 hormo
 25 ne secretagogue
 28 <400> SEQUENCE: 1
 30 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys
 31 1 5 10 15
 34 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
 35 20 25
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 40 <212> TYPE: PRT
 41 <213> ORGANISM: Homo sapiens
 43 <220> FEATURE:
 44 <221> NAME/KEY: PEPTIDE
 45 <222> LOCATION: (1)..(27)
 46 <223> OTHER INFORMATION: Amino acid sequence for human endogenous peptides (27 amino
 acids
 47) of growth hormone secretagogue
 50 <400> SEQUENCE: 2
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 57 20 25
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 61 <211> LENGTH: 28
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Rattus norvegicus

ENTERED

65 <220> FEATURE:
66 <221> NAME/KEY: PEPTIDE

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67 <222> LOCATION: (1)..(28)
68 <223> OTHER INFORMATION: Amino acid sequence for rat endogenous peptides of growth
hormone
69         secretagogue
72 <400> SEQUENCE: 3
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78 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
79             20             25
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84 <212> TYPE: PRT
85 <213> ORGANISM: Rattus norvegicus
87 <220> FEATURE:
88 <221> NAME/KEY: PEPTIDE
89 <222> LOCATION: (1)..(27)
90 <223> OTHER INFORMATION: Amino acid sequence for rat endogenous peptides of growth
hormon
91         e secretagogue
94 <400> SEQUENCE: 4
96 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Arg Lys Glu
97 1             5             10             15
100 Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
101             20             25
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106 <212> TYPE: PRT
107 <213> ORGANISM: Mus musculus
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111 <222> LOCATION: (1)..(28)
112 <223> OTHER INFORMATION: Amino acid sequence for mouse endogenous peptides of growth
hormo
113         ne secretagogue
116 <400> SEQUENCE: 5
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119 1             5             10             15
122 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
123             20             25
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128 <212> TYPE: PRT
129 <213> ORGANISM: Sus scrofa
131 <220> FEATURE:
132 <221> NAME/KEY: PEPTIDE
133 <222> LOCATION: (1)..(28)
134 <223> OTHER INFORMATION: Amino acid sequence for porcine endogenous peptides of
growth hor
135         mone secretagogue
138 <400> SEQUENCE: 6
140 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys
141 1             5             10             15
144 Glu Ser Lys Lys Pro Ala Ala Lys Leu Lys Pro Arg

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145          20          25
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155 <222> LOCATION: (1)..(27)
156 <223> OTHER INFORMATION: Amino acid sequence for bovine endogenous peptides (27 amino
acid
157          s) of growth hormone secretagogue
160 <400> SEQUENCE: 7
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163 1          5          10          15
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167          20          25
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173 <213> ORGANISM: Ovis aries
175 <220> FEATURE:
176 <221> NAME/KEY: PEPTIDE
177 <222> LOCATION: (1)..(27)
178 <223> OTHER INFORMATION: Amino acid sequence for ovine endogenous peptides (27 amino
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179          ) of growth hormone secretagogue
182 <400> SEQUENCE: 8
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189          20          25
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200 <223> OTHER INFORMATION: Amino acid sequence for dog endogenous peptides of growth
hormone
201          secretagogue
204 <400> SEQUENCE: 9
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207 1          5          10          15
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211          20          25
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217 <213> ORGANISM: Anguilla japonica
219 <220> FEATURE:
220 <221> NAME/KEY: PEPTIDE

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221 <222> LOCATION: (1)..(21)

222 <223> OTHER INFORMATION: Amino acid sequence for eel endogenous peptides of growth hormone

223 secretagogue. This peptide is amidated at C-terminus.

226 <400> SEQUENCE: 10

228 Gly Ser Ser Phe Leu Ser Pro Ser Gln Arg Pro Gln Gly Lys Asp Lys

229 1 5 10 15

232 Lys Pro Pro Arg Val

233 20

236 <210> SEQ ID NO: 11

237 <211> LENGTH: 23

238 <212> TYPE: PRT

239 <213> ORGANISM: Oncorhynchus mykiss

241 <220> FEATURE:

242 <221> NAME/KEY: PEPTIDE

243 <222> LOCATION: (1)..(23)

244 <223> OTHER INFORMATION: Amino acid sequence for rainbow trout endogenous peptides

(23 ami

245 no acids) of growth hormone secretagogue. This peptide is amide

246 d at C-terminus.

249 <400> SEQUENCE: 11

251 Gly Ser Ser Phe Leu Ser Pro Ser Gln Lys Pro Gln Val Arg Gln Gly

252 1 5 10 15

255 Lys Gly Lys Pro Pro Arg Val

256 20

259 <210> SEQ ID NO: 12

260 <211> LENGTH: 20

261 <212> TYPE: PRT

262 <213> ORGANISM: Oncorhynchus mykiss

264 <220> FEATURE:

265 <221> NAME/KEY: PEPTIDE

266 <222> LOCATION: (1)..(20)

267 <223> OTHER INFORMATION: Amino acid sequence for rainbow trout endogenous peptides

(20 ami

268 no acids) of growth hormone secretagogue. This peptide is amidat

269 ed at C-terminus.

272 <400> SEQUENCE: 12

274 Gly Ser Ser Phe Leu Ser Pro Ser Gln Lys Pro Gln Gly Lys Gly Lys

275 1 5 10 15

278 Pro Pro Arg Val

279 20

282 <210> SEQ ID NO: 13

283 <211> LENGTH: 24

284 <212> TYPE: PRT

285 <213> ORGANISM: Gallus domesticus

287 <220> FEATURE:

288 <221> NAME/KEY: PEPTIDE

289 <222> LOCATION: (1)..(24)

290 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of growth hor

291 mone secretagogue

294 <400> SEQUENCE: 13

296 Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys

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301          20
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310 <221> NAME/KEY: PEPTIDE
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312 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of
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313      mone secretagogue
316 <400> SEQUENCE: 14
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319 1          5          10          15
322 Asp Thr Arg Lys Pro Thr Ala Arg
323          20
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327 <211> LENGTH: 26
328 <212> TYPE: PRT
329 <213> ORGANISM: Gallus domesticus
331 <220> FEATURE:
332 <221> NAME/KEY: PEPTIDE
333 <222> LOCATION: (1)..(26)
334 <223> OTHER INFORMATION: Amino acid sequence for chicken endogenous peptides of
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335      mone secretagogue
338 <400> SEQUENCE: 15
340 Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys
341 1          5          10          15
344 Asp Thr Arg Lys Pro Thr Ala Arg Leu His
345          20          25
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350 <212> TYPE: PRT
351 <213> ORGANISM: Rana catesbeiana
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355 <222> LOCATION: (1)..(27)
356 <223> OTHER INFORMATION: Amino acid sequence for frog endogenous peptides of growth
hormon
357      e secretagogue
360 <400> SEQUENCE: 16
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363 1          5          10          15
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367          20          25
370 <210> SEQ ID NO: 17
371 <211> LENGTH: 28
372 <212> TYPE: PRT
373 <213> ORGANISM: Rana catesbeiana

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VERIFICATION SUMMARY

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Input Set : A:\DSP-78.ST25.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date